



PATENTS

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ronald A. Katz)
Serial No.: 08/485,113)
Filed: June 7, 1995) Examiner: S. Woo
For: MULTIPLE FORMAT TELEPHONIC) Art Unit: 2608
INTERFACE CONTROL SYSTEM)
Docket No.: 9002-1B671US4)
(prev. 6646-108N4))

A M E N D M E N T

707 Wilshire Blvd., 32nd Floor
Los Angeles, CA 90017
June 5, 1996

08485113-060795
EFT53480

Assistant Commissioner
for Patents
Washington, D. C. 20231

Sir:

In response to the office action mailed September 18, 1996,
please amend the above-identified application as follows:

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

Date: March 18, 1997
Connie Kwon
Connie Kwon

Please amend claims 18, 23, 27, and 29 as indicated below.

IN THE CLAIMS:

18. (Twice Amended) An interface control system for use
with, (1) a communication facility including remote terminals for
individual callers to make calls, wherein said remote terminals
[may] comprise a [conventional] telephone [instrument] capability
including voice communication means and some of said remote
terminals [may further] comprise digital input means for
providing data, [and] (2) a multiple port, multiple format
processor for concurrently processing data from a substantial
number of callers in any one of a plurality of formats, said
communication facility automatically providing call data signals,
as to indicate called data (DNIS), to select a particular format
from said plurality of formats, and (3) a plurality of live
operator attended terminals with prompting capability, for a
plurality of formats, said interface control system comprising:
call data means for receiving call data signals from
said communication facility for a calling remote terminal
indicative of calling number identification signals
automatically provided by said communication facility;
interface means for providing automated voice messages
relating to a specific format to certain of said individual
callers, wherein said certain of said individual callers
digitally enter data through said digital input means;
means for directly forwarding a call coupled to said
interface means for forwarding a call from any one of said

25 remote terminals to one of said plurality of live operator
26 attended terminals under control of said call data signals
27 when said remote terminals do not have capability to
28 digitally provide data;

29 means for processing coupled to said live operator
30 attended terminals for processing caller information data
31 entered by an operator at said live operator attended
32 terminal; and

33 means for storing coupled to said interface means and
34 said processing means for storing certain select data from
35 said caller information data entered by said operator and
36 data entered digitally by said individual callers.

1 23. (Amended) An interface control system for use with,
2 (1) a communication facility including remote terminals for
3 individual callers to make calls, wherein said remote terminals
4 [may] comprise a [conventional] telephone [instrument] capability
5 including voice communication means and some of said remote
6 terminals [may further] comprise digital input means for
7 providing data, [and] (2) a multiple port, multiple format
8 processor for concurrently processing data from a substantial
9 number of callers in any of a plurality of formats, said
10 communication facility automatically providing call data signals,
11 as to indicate called data (DNIS), to select a particular format
12 from said plurality of formats, and (3) a plurality of live
13 operator attended terminals with prompting capability, for a

14 plurality of formats, said interface control system comprising:
15 interface means for receiving calling number
16 identification signals automatically provided from said
17 communication facility, and for providing automated voice
18 messages relating to a specific format to certain of said
19 individual callers, wherein said certain of said individual
20 callers digitally enter data through said digital input
21 means;

22 means for directly forwarding a call coupled to said
23 interface means from any one of said remote terminals to one
24 of said plurality of live operator attended terminals under
25 control of said call data signals when said remote terminals
26 do not have capability to digitally provide data;

27 means for processing coupled to said live operator
28 attended terminals for processing caller information data
29 entered by an operator at said live operator attended
30 terminal; and

31 means for storing coupled to said interface means and
32 said processing means for storing certain select data from
33 said caller information data entered by said operator and
34 data entered digitally by said individual callers.

1 27. (Amended) An interface and process control system of a
2 multiple port, multiple format processor for concurrently
3 processing data from a substantial number of callers in one of a
4 plurality of formats for use with a telephonic communication

5 facility including remote terminals for individual callers,
6 wherein said remote terminals [may] comprise a [conventional]
7 telephone [instrument] capability including voice communication
8 means and digital input means for providing data, said interface
9 and process control system comprising:

10 call data means for receiving signal-represented call
11 data from said remote terminals indicative of called number
12 identification signals (DNIS) automatically provided by said
13 telephonic communication facility;

14 selection means coupled to said call data means for
15 selecting a select data format from said plurality of
16 formats under control of said signal-represented call data
17 indicative of called DNIS, said select data format having an
18 imposed condition to execute certain operations of said
19 select data format, one of said formats having an imposed
20 condition for verifying an instant call from a remote
21 terminal against a file to limit or prevent access to said
22 one format from callers listed on said file and at least one
23 of said plurality of formats having an imposed condition
24 with respect to time;

25 test means coupled to said selection means for testing
26 said imposed condition to provide approval signals; and

27 processing means coupled to said test means for
28 executing certain operations of said select format under
29 control of said approval signals.

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Vertical stamp: 103443-13-060799

29. (Amended) An interface control system for use with,
a communication facility including remote terminals for
individual callers to make calls, wherein said remote terminals
comprise a telephonic instrument including voice communication
means and some of said remote terminals [may further] comprise
digital input means for providing data, and (2) a multiple port,
multiple format processor for concurrently processing data from a
substantial number of callers in any of a plurality of formats,
said communication facility automatically providing call data
signals, as to indicate called data (DNIS), to select a
particular format from said plurality of formats, and (3) a
plurality of live operator attended terminals with prompting
capability, for a plurality of formats, said interface control
system comprising:

call data means for receiving signal-represented call
data from said remote terminals indicative of called number
identification signals (DNIS) automatically provided by said
telephonic communication facility;

interface means for providing automated voice messages
relating to a specific format to certain of said individual
callers, wherein said certain of said individual callers
digitally enter data through said digital input means;

means for directly forwarding certain of said calls
coupled to said interface means from any one of said remote
terminals to one of said plurality of live operator attended
terminals under control of said call data signals when

27 necessary;

28 means for processing coupled to said live operator
29 attended terminals for processing caller information data
30 entered by an operator at said live operator attended
31 terminal; and

32 means for transferring certain of said calls from said
33 live operators to an automated system to receive processed
34 data via a voice generator.

R E M A R K S

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This amendment is submitted in response to the office action
mailed September 18, 1997. By this amendment, claims 18, 23, 27,
and 29 are amended. Reconsideration of this application is
respectfully requested.

Discussion of the 35 U.S.C. § 112 Rejection of Claims 18-20 and 22-29

In paragraph 1 of the office action, claims 18-20 and 22-29
are rejected under 35 U.S.C. § 112, second paragraph.

Specifically, with respect to claims 18, 23, 27, and 29, the
Examiner indicated that the phrase "may comprise" is vague and
indefinite. The claims recited conventional telephone
instruments as an example, however, the claims are intended to
cover any remote terminal with a telephonic capability. To that
end, Applicant has amended each of claims 18, 23, and 27 to
recite instead a telephone --capability--. With respect to claim

29, Applicant notes that it recites "a telephonic instrument." At line 5 of claim 29, Applicant has deleted the occurrence of "may further" comprise before "digital input means." Claims 18 and 23 are also amended to delete similar recitations in those claims.

Based on the above amendments to claims 18, 23, 27, and 29, allowance of claims 22-29 is respectfully requested.

Discussion of the Double Patenting Rejection

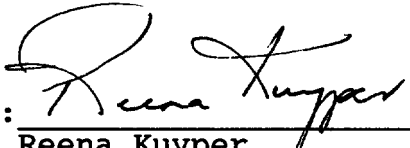
In paragraphs 2 and 3 of the office action, the Examiner rejected claims 18-20 and 22-29 under the judicially created doctrine of double patenting over claims 38-41 of U.S. Patent No. 4,845,739. Although the claims in this application are distinct, Applicant is providing a terminal disclaimer with this amendment to obviate the Examiner's double patenting rejection.

S U M M A R Y

Favorable consideration and allowance of claims 18-20 and 22-29 is respectfully requested. Also, as indicated in the Amendment submitted by Applicant on June 5, 1996, copies of Forms PTO-1449 already considered by the Examiner in parent application U.S. Serial No. 08/306,751 are provided with this amendment. New Forms PTO-1449 prepared for this application are also submitted with an accompanying information disclosure statement. Consideration of all these documents is respectfully requested.

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Respectfully submitted,

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